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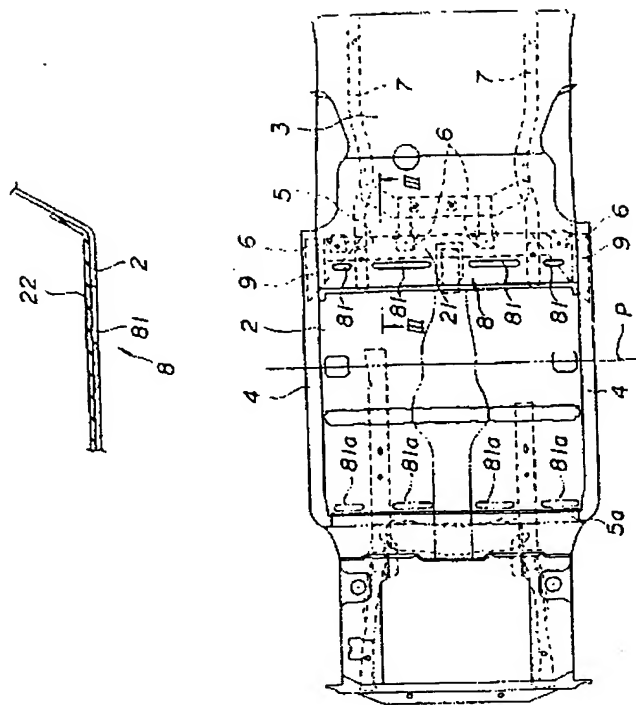
APPLICATION DATE : 26-08-83
APPLICATION NUMBER : 58156578

APPLICANT : NISSAN MOTOR CO LTD;

INVENTOR : KANAI SHUNICHIRO;

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TITLE : AUTOMOBILE BODY FLOOR
CONSTRUCTION



ABSTRACT : PURPOSE: To suppress noise in a car room, lower room noise due to road noise, etc., and improve coziness by forming a rigidity reducing part nearly parallel to a cross member, to damp down the vibration which is transmitted to a floor from a suspension system.

CONSTITUTION: A rigidity reducing part 8 is formed, nearly parallel to a cross member 5, on a center floor panel 2 near the car center line of the cross member 5. To make up for the reduction in the rigidity of a car body due to the reduction in the rigidity of the center floor panel 2, a reinforcing member 9 is provided across the cross member 5 and a side sill 4, without interposing the center floor panel 2. Therebetween also, to prevent water or dust from entering from slits 81, a mel-sheet for covering the slits 81 is stuck to the center floor panel 2. When vibration from a suspension system is transmitted through a suspension mounting bracket 6, to a cross member 5, and further, to the center floor panel 2, the transmission efficiency is reduced and the vibration is transmitted being damped down, due to the rigidity reducing part 8, restricting the vibration of the center panel 2. Accordingly, the generation of noise can be suppressed.

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